

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- ☐ original
- ☐ divisional
- ☐ continuation
- ☒ continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MULTI-CHEMISTRY PLATING SYSTEM

SPECIFICATION IDENTIFICATION

The specification of which:

- ☒ is attached hereto
- ☐ was filed on _____, under Serial No. _____, executed on even date herewith; or
- ☐ Express Mail No. (as Serial No. not yet known)
- ☐ and was amended on _____ (if applicable)
- ☐ was described and claimed in PCT International Application No. _____ filed on _____ and as amended under PCT Article 19 on _____.

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, 1.56, and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- ☐ In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR 1.98.

PRIORITY CLAIM (35 U.S.C. 119)

I hereby claim foreign priority benefits under Title 35, United States Code, 119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

- ☐ No such applications have been filed.
- ☒ Such applications have been filed as follows:

A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. 119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:
Application No:
Filing date:

C. U.S. Provisional Application filed within 12 months prior to this application

<u>Serial No.</u>	<u>Filing Date</u>
60/398,345	JULY 24, 2002
60/435,121	DECEMBER 19, 2002
60/448,575	FEBRUARY 18, 2003
60/463,956	APRIL 18, 2003
60/463,862	APRIL 18, 2003
60/463,860	APRIL 18, 2003
60/463,970	APRIL 18, 2003

PRIORITY CLAIM (35 U.S.C. 120)

I hereby claim the benefit under Title 35, United States Code, 120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

- ☐ No such applications have been filed

☒ Such applications have been filed, as follows:

<u>Serial No.</u>	<u>Status</u>			<u>Abandoned</u>
	<u>Filing Date</u>	<u>Patented</u>	<u>Pending</u>	
10/268,284	OCTOBER 9, 2002		X	
10/438,624	MAY 14, 2003		X	

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Donald Verplancken	Registration No. 33,217
Peter J. Sgarbossa	Registration No. 25,610
Raymond Kam-On Kwong	Registration No. 37,165
Joseph Bach	Registration No. 37,771
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436
B. Todd Patterson	Registration No. 37,906
Raymond R. Moser, Jr.	Registration No. 34,682
Keith M. Tackett	Registration No. 32,008
William B. Patterson	Registration No. 34,102

Send correspondence to:

Patent Counsel
APPLIED MATERIALS, INC.
P.O. Box 450-A
Santa Clara, CA 95052

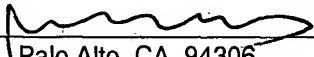
Direct telephone calls to:

B. Todd Patterson
MOSER, PATTERSON & SHERIDAN, L.L.P.
(713) 623-4844

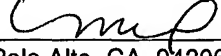
DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

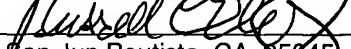
Full name of **first** inventor: **MICHAEL X. YANG**

Inventor's signature:  Date: 6/24/03
Residence: Palo Alto, CA 94306
Post Office Address: 793 Cereza Drive
U.S.A. Country of Citizenship: U.S.A.

Full name of **second** inventor: **MING XI**

Inventor's signature:  Date: 6/25/03
Residence: Palo Alto, CA 94306
Post Office Address: 151 Churchill Avenue
U.S.A. Country of Citizenship: P.R. CHINA

Full name of **third** inventor: **RUSSELL C. ELLWANGER**

Inventor's signature:  Date: 6/30/03
Residence: San Jun Bautista, CA 95045
Post Office Address: 565 Mission Vineyard Road
U.S.A. Country of Citizenship: U.S.A.

Full name of **fourth** inventor: **ERIC B. BRITCHER**

Inventor's signature: _____ Date: _____
Residence: Rancho Cucamonga, CA 91730
Post Office Address: 9200 Milliken Avenue #7306
U.S.A. Country of Citizenship: U.S.A.

Full name of **fifth** inventor: **BERNARDO DONOSO**

Inventor's signature: *Bernardo Donoso* Date: 6/25/2003
Residence: San Jose, CA 95125
Post Office Address: 1961 Johnston Avenue
U.S.A. Country of Citizenship: U.S.A.

Full name of **sixth** inventor: **LILY L. PANG**

Inventor's signature: *Lily L. Pang* Date: 6/24/2003
Residence: Fremont, CA 94536
Post Office Address: 35694 Cabrillo Drive
U.S.A. Country of Citizenship: U.S.A.

Full name of **seventh** inventor: **SVETLANA SHERMAN**

Inventor's signature: *S. Sherman* Date: 06.24.2003
Residence: San Jose, CA 95117
Post Office Address: 1344 Charmwood Square
U.S.A. Country of Citizenship: U.S.A.

Full name of **eighth** inventor: **HENRY HO**

Inventor's signature: *Henry Ho* Date: 6/24/03
Residence: San Jose, CA 95120
Post Office Address: 6906 Lenwood Way
U.S.A. Country of Citizenship: U.S.A.

Full name of **ninth** inventor: **ANH N. NGUYEN**

Inventor's signature: *nguyenanh* Date: 6/25/03
Residence: Milpitas, CA 95035
Post Office Address: 1075 Columbus Drive
U.S.A. Country of Citizenship: U.S.A.

Full name of **tenth** inventor: **ALEXANDER N. LERNER**

Inventor's signature: *Alexander N. Lerner* Date: 7/07/03
Residence: San Jose, CA 95120
Post Office Address: 6661 Pebblewood Court
U.S.A. Country of Citizenship: U.S.A.

Full name of **eleventh** inventor: **ALLEN L. D'AMBRA**

Inventor's signature: *Allen L. D'Ambra* Date: 6/25/03
Residence: Burlingame, CA 94010
Post Office Address: 539 Francisco Drive
U.S.A. Country of Citizenship: U.S.A.

Full name of **twelfth** inventor: **ARULKUMAR SHANMUGASUNDRAM**

Inventor's signature: P. S. Arulkumar Date: 6/24/03
Residence: Sunnyvale, CA 94086
Post Office Address: 428 Madera Avenue #10
U.S.A. Country of Citizenship: INDIA

Full name of **thirteenth** inventor: **TETSUYA ISHIKAWA**

Inventor's signature: Tetsuya Ishikawa Date: 6/27/03
Residence: 20072 Killbuck Drive
Saratoga, CA 95070
Post Office Address: Same as above.
U.S.A. Country of Citizenship: JAPAN

Full name of **fourteenth** inventor: **YEVGENIY RABINOVICH**

Inventor's signature: Yevgeniy Rabinovich Date: 06/24/03 X
Residence: 40 Valley Vista Court
Fremont, CA 94539
Post Office Address: Same as above.
U.S.A. Country of Citizenship: U.S.A.

Full name of **fifteenth** inventor: **DMITRY LUBOMIRSKY**

Inventor's signature: Dmitry Lubomirsky Date: 06/25/03
Residence: 20200 Lucille Avenue #98
Cupertino, CA 95014
Post Office Address: Same as above.
U.S.A. Country of Citizenship: ISRAEL

Full name of **sixteenth** inventor: **YEUK-FAI EDWIN MOK**

Inventor's signature: Yeuk-Fai Edwin Mok Date: 6/25/03
Residence: 194 Stonecrest Drive
San Francisco, CA 94132
Post Office Address: Same as above.
U.S.A. Country of Citizenship: U.S.A.

Full name of **seventeenth** inventor: **SON T. NGUYEN**

Inventor's signature: Son T. Nguyen Date: 06/25/03
Residence: 3032 Dow Drive
San Jose, CA 95136
Post Office Address: Same as above.
U.S.A. Country of Citizenship: U.S.A.

(Declaration ends with this page)

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As a below named inventor, I hereby declare that:

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MULTI-CHEMISTRY PLATING SYSTEM

SPECIFICATION IDENTIFICATION

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- ☒ is attached hereto
- ☐ was filed on _____, under Serial No. _____, executed on even date herewith; or
- ☐ Express Mail No. (as Serial No. not yet known) and was amended on _____ (if applicable)
- ☐ was described and claimed in PCT International Application No. _____ filed on _____ and as amended under PCT Article 19 on _____.

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- ☐ No such applications have been filed.
- ☒ Such applications have been filed as follows:

A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. 119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:
Application No:
Filing date:

C. U.S. Provisional Application filed within 12 months prior to this application

<u>Serial No.</u>	<u>Filing Date</u>
60/398,345	JULY 24, 2002
60/435,121	DECEMBER 19, 2002
60/448,575	FEBRUARY 18, 2003
60/463,956	APRIL 18, 2003
60/463,862	APRIL 18, 2003
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☐
☒

No such applications have been filed
Such applications have been filed, as follows:

<u>Serial No.</u>	<u>Status</u>			<u>Abandoned</u>
	<u>Filing Date</u>	<u>Patented</u>	<u>Pending</u>	
10/268,284	OCTOBER 9, 2002		X	
10/438,624	MAY 14, 2003		X	

POWER OF ATTORNEY

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Robert W. Mulcahy	Registration No. 25,436
B. Todd Patterson	Registration No. 37,906
Raymond R. Moser, Jr.	Registration No. 34,682
Keith M. Tackett	Registration No. 32,008
William B. Patterson	Registration No. 34,102

Send correspondence to:

Patent Counsel
APPLIED MATERIALS, INC.
P.O. Box 450-A
Santa Clara, CA 95052

Direct telephone calls to:

B. Todd Patterson
MOSER, PATTERSON & SHERIDAN, L.L.P.
(713) 623-4844

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of **first** inventor: **MICHAEL X. YANG**

Inventor's signature: _____ Date: _____
Residence: Palo Alto, CA 94306
Post Office Address: 793 Cereza Drive
U.S.A. Country of Citizenship: U.S.A.

Full name of **second** inventor: **MING XI**

Inventor's signature: _____ Date: _____
Residence: Palo Alto, CA 94306
Post Office Address: 151 Churchill Avenue
U.S.A. Country of Citizenship: P.R. CHINA

Full name of **third** inventor: **RUSSELL C. ELLWANGER**

Inventor's signature: _____ Date: _____
Residence: San Jun Bautista, CA 95045
Post Office Address: 565 Mission Vineyard Road
U.S.A. Country of Citizenship: U.S.A.

Full name of **fourth** inventor: **ERIC B. BRITCHER**

Inventor's signature:  Date: 7/1/03

Residence: Rancho Cucamonga, CA 91730

Post Office Address: 9200 Milliken Avenue #7306
U.S.A. Country of Citizenship: U.S.A.

Full name of **fifth** inventor: **BERNARDO DONOSO**

Inventor's signature: _____ Date: _____

Residence: San Jose, CA 95125

Post Office Address: 1961 Johnston Avenue
U.S.A. Country of Citizenship: U.S.A.

Full name of **sixth** inventor: **LILY L. PANG**

Inventor's signature: _____ Date: _____

Residence: Fremont, CA 94536

Post Office Address: 35694 Cabrillo Drive
U.S.A. Country of Citizenship: U.S.A.

Full name of **seventh** inventor: **SVETLANA SHERMAN**

Inventor's signature: _____ Date: _____

Residence: San Jose, CA 95117

Post Office Address: 1344 Charmwood Square
U.S.A. Country of Citizenship: U.S.A.

Full name of **eighth** inventor: **HENRY HO**

Inventor's signature: _____ Date: _____

Residence: San Jose, CA 95120

Post Office Address: 6906 Lenwood Way
U.S.A. Country of Citizenship: U.S.A.

Full name of **ninth** inventor: **ANH N. NGUYEN**

Inventor's signature: _____ Date: _____

Residence: Milpitas, CA 95035

Post Office Address: 1075 Columbus Drive
U.S.A. Country of Citizenship: U.S.A.

Full name of **tenth** inventor: **ALEXANDER N. LERNER**

Inventor's signature: _____ Date: _____

Residence: San Jose, CA 95120

Post Office Address: 6661 Pebblewood Court
U.S.A. Country of Citizenship: U.S.A.

Full name of **eleventh** inventor: **ALLEN L. D'AMBRA**

Inventor's signature: _____ Date: _____
Residence: Burlingame, CA 94010
Post Office Address: 539 Francisco Drive
U.S.A. Country of Citizenship: U.S.A.

Full name of **twelfth** inventor: **ARULKUMAR SHANMUGASUNDRAM**

Inventor's signature: _____ Date: _____
Residence: Sunnyvale, CA 94086
Post Office Address: 428 Madera Avenue #10
U.S.A. Country of Citizenship: INDIA

Full name of **thirteenth** inventor: **TETSUYA ISHIKAWA**

Inventor's signature: _____ Date: _____
Residence: 20072 Kilbride Drive
Saratoga, CA 95070
Post Office Address: Same as above.
U.S.A. Country of Citizenship: JAPAN

Full name of **fourteenth** inventor: **YEVGENIY RABINOVICH**

Inventor's signature: _____ Date: _____
Residence: 40 Valley Vista Court
Fremont, CA 94539
Post Office Address: Same as above.
U.S.A. Country of Citizenship: U.S.A.

Full name of **fifteenth** inventor: **DMITRY LUBOMIRSKY**

Inventor's signature: _____ Date: _____
Residence: 20200 Lucille Avenue #98
Cupertino, CA 95014
Post Office Address: Same as above.
U.S.A. Country of Citizenship: ISRAEL

Full name of **sixteenth** inventor: **YEUK-FAI EDWIN MOK**

Inventor's signature: _____ Date: _____
Residence: 194 Stonecrest Drive
San Francisco, CA 94132
Post Office Address: Same as above.
U.S.A. Country of Citizenship: U.S.A.

Full name of **seventeenth** inventor: **SON T. NGUYEN**

Inventor's signature: _____ Date: _____
Residence: 3032 Dow Drive
San Jose, CA 95136
Post Office Address: Same as above.
U.S.A. Country of Citizenship: U.S.A.

(Declaration ends with this page)